

IN THE CLAIMS

Please amend claims 5-6 and add new claims 7 and 8. A copy of all pending claims follows with each claim including a status identifier pursuant to 37 CFR 1.121:

1. (Original) Hemp seed oil for transfer and absorption of active substances of pharmaceutical and cosmetic preparations into the skin, characterised by that it is a product of extraction of the milled down hemp seeds by means of carbon dioxide.

2. (Original) Hemp seed oil according to the claim 1, characterised by that one weight share of the extract creates a mixture with two weight shares of the solution containing up to 30 % in weight of sodium bicarbonate.

3. (Original) A method of production of hemp seed oil for transfer and absorption of active substances of pharmaceutical and cosmetic preparations into the skin, characterised by that the hemp seeds are milled down to hemp flour, then pressure-extracted by means of the carbon dioxide to hemp oil.

4. (Original) A method of production according to the claim 3, characterised by that hemp seeds are milled down to a fine hemp flour, the milled down hemp flour is then

poured into the extraction cartridges that are then inserted into the extractor; the extractor gets closed-and carbon dioxide is driven into it at the temperature between about 35°C - 45°C and under pressure between 25 MPa – 35MPa, advantageously at 40°C and the pressure 20 MPa, with the hemp oil extraction process slowed down the carbon dioxide pressure in the extractor is reduced down to the value of the ambient atmospheric pressure and the hemp oil is separated from the carbon dioxide, then the carbon dioxide is taken out of the extractor to a reserve tank and stored there in its supercritical condition.

5. (Currently Amended) A method of production according to ~~the claim 3 or 4~~, characterised by that wherein 2% - 35% in weight of the crushed silicon sand is mixed into the extracted hemp oil for removal of the chlorophyll and waxes; following the surface absorption, the crushed silicon sand is filtered out.

6. (Currently Amended) A use of the ~~hemp~~ hemp seed oil manufactured by a method according to ~~one of the claims 3-5~~ claim 3 for transfer and absorption of active substances of pharmaceutical and cosmetic preparations into the skin.

7. (New) A method of production according to claim 4, wherein 2% - 35% in weight of the crushed silicon sand is mixed into the extracted hemp oil for removal of the chlorophyll and waxes; following the surface absorption, the crushed silicon sand is filtered out.

8. (New) A use of the hemp seed oil manufactured by a method according to claim 4 for transfer and absorption of active substances of pharmaceutical and cosmetic preparations into the skin.

9. (New) A use of the hemp seed oil manufactured by a method according to one of the claims 5 for transfer and absorption of active substances of pharmaceutical and cosmetic preparations into the skin.

10. (New) A use of the hemp seed oil manufactured by a method according to claim 7 for transfer and absorption of active substances of pharmaceutical and cosmetic preparations into the skin.